

SHEVERDINA, N.I.; ABRAMOVA, L.V.; PALEYEVA, I.Ye.; KOCHESHKOV, K.A.

Preparation of organic salts of di-n-butyl tin. Khim.prom.
no.10:707-708 0 '62. (MIRA 15:12)

1. Chlen-korrespondent AN SSSR (for Kocheshkov).
(Tin organic compounds)

AVERBUKH, B.S.; ABRAMOVA, L.V.; BREGER, A.KH.; VAYNSHTEYN, B.I.; GOL'DIN, V.A.;
KOCHESHKOV, K.A.; SYRKUS, N.P.; SHALYAPIN, N.K.; SHEVERDINA, N.I.

Determination of the optimum conditions for the reaction of radiation-
chemical synthesis of dibutyltin dibromide. Zhur. fiz. khim. 38 no.10:
2445-2448 0 '64. (MIRA 18:2)

1. Fiziko-khimicheskiy institut imeni L.Ya. Karpova.

REPSHIS, V.; KALYAZIN, N., mekhanik myasokombinata; ABRAMOVA, M., ekonomist.

Using the ZK-1, 0 steaming unit for cooking by-products. Mias.ind.SSSR
28 no.1:53-54 '57. (MLRA 10:3)

1. Direktor Borovichskogo myasokombinata (for Repshis)
(Meat industry--By-products)
(Meat industry--Equipment and supplies)

1ST AND 2ND COLS										3RD AND 4TH COLS									
ABRAMOVA, M. A.										PROPERTIES AND PROPERTIES INDEX									
BC										19-3									
Velocity of reaction of aldehydes with ammonia. I. Reaction of furfuraldehyde with ammonia. H. K. NIKITIN and M. A. ABRAMOVA (J. Gen. Chem. Russ., 1939, 9, 1347-1355).—The velocity of formation of furfamide at 12-5° is greatest when 2 vols. of a solution containing 27-30 g. of Na₂CO₃ and 7.5-8.5 g. of NH₃ per 100 ml. are added per vol. of aq. furfuraldehyde (I). The concn. of (I) solutions is determined by comparing the time required for appearance of turbidity with that found for solutions of known concn. R. T.																			
Lab. Gen. Chem. Saratov State Med. Inst.																			
A16-11A METALLURGICAL LITERATURE CLASSIFICATION																			
15000 150000										15000 150000									
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ABRAMOVA, M. A.

Yakubson, S. I. and Abramova, M. A. "The electric conductivity and viscosity of bromine solutions of acetamide and phosphorous pentachloride," Ukr. khim. zhurnal, Vol XV, Issue 1, 1949, p. 136-48, - Bibliog: 7 items

SO: U-5241, 17 December 1953, (Letopis 'Zhurnal 'nykh Statey, No. 26, 1949)

YAKUBSON, S.I.; ABRAMOVA, M.A.

Decomposition potentials of aluminum bromide with halides of lithium,
sodium, and potassium in nonaqueous solvents. Ukrain. Khim. Zhur. 15,
362-71 '49. (MLRA 5:6)
(CA 47 no.15:7348 '53)

CA
ABRAMOVA, M-A.

2

Decomposition potentials of complex compounds of aluminum bromide in the fused state E. Ya. Gorenberg and M. A. Abramova (Acad. Sci. Ukr. S.S.R., Kiev) *Zh. Obshch. Khim.* (J. Gen. Chem.) 20, 740-54 (1950)

The following decompn. potentials E were detd. in fused salts of the stated stoichiometric compn.: $ZnBr_2 \cdot AlBr_3$ (140°) 1.64; (210°) 1.46 v.; $PbBr_2 \cdot AlBr_3$ (300°) 1.06; $TlBr \cdot AlBr_3$ (165°) 1.6; $SbBr_3 \cdot AlBr_3$, undercooled below the m. temp. of 82.5° (80°) 0.98, (80°) 0.96, (130°) 0.88 v. These values are quite close to those detd. by Izackov (C.I. 19, 3057) at compn. in excess of the stoichiometric formula. On the other hand, there is a considerable divergence between E of $PbBr_2 \cdot AlBr_3$ (300°) 1.06 v., and the value of $E = 1.48$ v. at 105° in soln. in fused $KBr + 3AlBr_3$. Complexes of $AlBr_3$ with alkali metal halides show two decompn. potentials, the lower corresponding to deposition of Al, the higher (at higher c.d.) to deposition of the alkali metal. The values of E are: $LiCl \cdot AlBr_3$ (120°) 1.61 and 3.1 v.; $LiCl \cdot AlBr_3$ (200°) 1.90 and 3.2; $NaBr \cdot AlBr_3$ (100°) 1.55 and 3.7-3.9; $NaBr \cdot AlBr_3$ (200°) 1.90 and 3.7-4.8; $KBr \cdot$

$AlBr_3$ (200°) 1.56; $KBr \cdot AlBr_3$ (250°) 1.70 and 4.2; $KCl \cdot AlBr_3$ (150°) 1.00 and 4.9; $KCl \cdot AlBr_3$ (200°) 2.0 and 4.6 v. Complexes with 1 mol. $AlBr_3$ have a somewhat lower 1st E than the same complexes with 2 mols. $AlBr_3$. In soln. in org. solvents, the same complexes have, as a rule, higher E than in the fused state, possibly on account of the heats of formation of higher mol. compds. between the complex and the solvent. N. Thott

CA ABRAMOYA, M.A.

Organic Chemistry - 10

Some unsaturated acids of the acrylic acid series. M. E. Kgorova and M. A. Abramova (Saratov Med. Inst.). *Zhur. Priklad. Khim.* 23, 1311-14 (1950); *J. Applied Chem. U.S.S.R.* 23, 1393-5 (Engl. translation).—To 50 g. chlorinated lime in 120 ml. H_2O was added 1-(2-furyl)-3-methyl-1-buten-3-one in 5-g. portions (total amt. unstated) and after 2 hrs., when the reaction subsided, the $CHCl_3$ was distd. off and the filtrate acidified, giving 20% α -methyl-3-furan-acrylic acid, m. 108-9°. Isolated at first as the Ca salt. Similarly, $PhCH:CHCO_2Me$ gave 48.3% α -methylcinnamic acid, m. 77-8°, while methyl oxide gave 44.7% β,β -dimethylacrylic acid, m. 67-8°. If the oxidation is run with unpurified condensation products of the carbonyl compds., the yields are not lowered and the operation is simplified. Thus, 20 g. furfural and 35 g. Me_2CO in 150 ml. H_2O treated at 10° with 4 ml. 33% $NaOH$, shaken 4 hrs., and treated with 200 g. chlorinated lime, as above, yielded 60.7% 3-furanacrylic acid, m. 139°. Similarly, $MeEtCO$ and furfural, gave 13.3% α -methyl-3-furanacrylic acid.

G. M. Kosolapoff

CA ABRAMOVA, M.A.

Condensation of methyl ethyl ketone with benzaldehyde in dependence of the acidity of the medium. M. E. Rogova and M. A. Abramova (Saratov Med. Inst.). *Zh. Priklad. Khim.* (J. Applied Chem.) 24, 1084 (1951).
 Me₂CO (25 g.) and 25 g. HCl acid with dry HCl at 50° and let stand 3 days gave a product m. 39-40° after vacuum distn. Pyridine with chlorinated lime gave PhCH:CMcCO₂H, m. 77-8°. Condensation in H₂O in the presence of 10% NaOH, with stirring 3 days, gave a product which did not react with chlorinated lime. Hence under acid conditions the product was PhCH:CMcCO₂Me, while in alk. medium it was apparently a condensate via the Me group of the ketone. This contradicts Bergmann and Schlenk (*Organische Chemie. ONTI, Khimikov, L.*, 1936, p. 300).
 G. M. Kuznetsov

73-3-20/24

Treatment of Beetroot Juice by Reduced Quantities of Lime and Ionites.

of the Institute for Organic Chemistry AN USSR under the direction of P. V. Golovin. The method consists in mixing a defined quantity of the regenerated cationite with the juice in a mixer until the pH of the solution reaches 4.0 - 4.5. Then the cationite is separated by decantation or filtration. The obtained saturated acidic juice is treated with the anionite by passing the juice through an anionite column (dynamic method). Thus the pH is increased to 8.0 - 8.5. It was found that 1.5% of absolutely dry cationite (according to the weight of the juice) and a contact time of 8 minutes were necessary to attain a pH 4.2 of the saturated juice. To increase the pH of the juice from 4.2 - 8.5 a 8% volume of anionite was required. The purification was carried out at 20°C. The juice treated with reduced lime quantities and juice of the II. saturation were analysed before and after treatment with the ionites for sugar-, colloid-, calcium salt-, ash-content and colour-tests were made. Analytical data are tabulated. This table proves that cationite treatment of juices increases their quality by 1.7 - 2.2 units and

Card 2/3 reduces the colouration. The anionite treatment lowers

Treatment of Beetroot Juice by Reduced Quantities of Lime and
Ionites. 73-3-20/24

the colouration more than twice and improves the quality
by 0.4 - 0.8 units. There are 1 table and 3 Slavic
references.

SUBMITTED: December, 22, 1956.

ASSOCIATION: Institute of Organic Chemistry, Academy of Sciences
Ukrainian SSR, Sugar Substances Laboratory. (Institut
Organicheskoy Khimii AN USSR, Laboratoriya Sakharistykh
Veshchestv).

AVAILABLE: Library of Congress.

Card 3/3

YEGOROVA, M.Ye.; ABRAMOVA, M.A.

Complete and incomplete esters of β -furylacrylic acid and ethylene glycol.
Zhur.ob.khim. 23 no.7:1158-1159 JI '53. (MLBA 6:7)

1. Laboratoriya biokhimii Saratovskogo meditsinskogo instituta.
(Esters) (Acrylic acid) (Ethylene glycol)

ABRAMOVA, M.A.
GERASIMENKO, A.A.; GOLOVIN, P.V.; ABRAMOVA, M.A.

Method for growing saccharose crystals in the laboratory, Sakh, prom.
31 no.11:71 N '57. (MIRA 11:1)

(Sugars)

ABRAMOVA M.A.
GOLOVIN, P.V.; ABRAMOVA, M.A.; GERASIMENKO, A.A.; SHAPOSHNIKOVA, Z.B.

Determining colloidal substances in juices and syrups. Sakh. prom.
31 no.12:51-52 D '57. (MIRA 11:1)

1. Kiyevskiy tekhnologicheskoy institut pishchevoy promyshlennosti
imeni Mikoyana.
(Sugar--Analysis and testing) (Colloids)

GOLOVIN, P.V.; GERASIMENKO, A.A.; SHAPOSHNIKOVA, Z.B.; ABRANOVA, M.A.

Using bentonites for purifying juices of second carbonation.
Bent. gliny Ukr. no.2:195-198 '58. (MIRA 12:12)

1. Institut organicheskoy khimii AN USSR.
(Bentonite) (Sugar manufacture)

ABRAMOVA, M.A.

GOLOVIN, P.V.; GERASIMENKO, A.A.; ABRAMOVA, M.A.

Rate of crystallization of sucrose in green sirup at 70°, 80°,
and 90°. Sakh. prom. 32 no.3:10-12 Mr '58. (MIRA 11:4)

1. Institut organicheskoy khimii AN USSR.
(Sucrose) (Crystallization)

GOLOVIN, P.V.; GERASIMENKO, A.A.; ABRAMOVA, M.A.

Rate of crystallization of saccharose at high temperatures.

Sakh. prom. 33 no.1:28-30 Ja '59.

(MIRA 12:1)

(Sugar) (Crystallization)

AUTHORS: Tilichenko, M. N., Abramova, M. A., S/153/60/003/01/035/058
Yegorova, M. Ye. B011/B005

TITLE: On a New Method of Producing Symm-9-methyloctahydroacridine, and on
2 Isomeric Forms of 9-Methylperhydroacridine

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Khimiya i khimicheskaya
tekhnologiya, 1960, Vol 3, Nr 1, pp 130-131 (USSR)

TEXT: The method mentioned in the title is based on a fusion of methyl-tricyclohexanolone (I) with hydroxylamine hydrochloride without a solvent (see Scheme). A decycloketolization of ketol (I) to ethylidene-dicyclo-hexanone (II) is assumed to take place at first. Only this (II) is transformed to symm-9-methyloctahydroacridine (III) under the action of hydroxylamine hydrochloride. This is the first example for a transformation of β -cyclo-hexanolone into a pyridine base by hydroxylamine hydrochloride. The separation of 9-methylperhydroacridine into 2 isomeric forms was obtained by crystallization of its hydrochloride from acetone to which a small quantity of alcohol was added. The two forms are obviously one of the theoretically possible pairs of cis- and trans-isomers of this compound. The experimental part offers characteristics and constants of the substances produced. There are 6 references, 4 of which are Soviet.

Card 1/2

On a New Method of Producing Symm-9-methyloctahydro-
acridine, and on 2 Isomeric Forms of 9-Methylperhydro-
acridine

S/153/60/003/01/035/056
B011/B005

ASSOCIATION: Saratovskiy gosudarstvennyy universitet im. N. G. Chernyshevskogo;
Kafedra organicheskoy khimii (Saratov State University imeni N. G.
Chernyshevskiy; Chair of Organic Chemistry) (✓)

SUBMITTED: February 20, 1959

Card 2/2

GOLOVIN, P.V.; ABRAMOVA, M.A.; GERASIMENKO, A.A.

Reducing the rate of crystallization of saccharose in the
green sirup at 90°. Sakh.prom. 34 no.3:13-15 Mr '90. 60.
(MIRA 13:6)

(Sugar manufacture)

TILICHENKO, M.N.; ABRAMOVA, M.A.; YEGOROVA, M.Ye.; NOVOKRESHCHENOVA, N.S.;
SUSHKO, L.I.

New insecticides against fleas. Med.paraz.i paraz.bol. no.5:614-
616 '61. (MIRA 14:10)

1. Iz laboratoriya organicheskoy khimii Saratovskogo gosudarstvennogo
universiteta imeni N.G. Chernyshevskogo, kafedry biokhimii Sara-
tovskogo meditsinskogo instituta i Nauchno-issledovatel'skogo insti-
tuta "Mikrob."

(INSECTICIDES)

(FLEAS)

(ACRIDINE)

GERASIMENKO, A.A.; ABRAMOVA, M.A.; PETRENKO, L.S.

Determination of the standard quality of sugar-beet juice.

Sakh.prom.35 no.3:31-32 Mr '61.

(MIRA 14:3)

(Sugar manufacture--Quality control)

GOLOVIN, P.V.; ABRAMOVA, M.A.; SHAPOSHNIKOVA, Z.B.; GERASIMENKO, A.A.;
DENISOVA, Ye. V.; TRET'YAKOVA, G.S.

Regeneration of ion exchangers. Sakh.prom. 35 no.6:13-16 Je '61.
(MIRA 14:6)

1. Institut organicheskoy khimii AN USSR.
(Sugar manufacture) (Ion exchange)

GERASIMENKO, Aleksey Antonovich; ABRAMOVA, Mariya Aleksandrovna;
GOLOVIN, Pavel Vasil'yevich; SHAPOSHNIKOVA, Z.B., kand.
tekhn. nauk, otv. red.; POKROVSKAYA, Z.S., red.; DAKHNO,
Yu.B., tekhn. red.

[Ion exchange resins in the food industry] Ionnoobmennyye
smoly v pishchevoi promyshlennosti. Kiev, Izd-vo Akad. nauk
Ukrainskoi SSR. 1962. 271 p. (MIRA 16:7)
(Ion exchange resins) (Food industry)

SHAPOSHNIKOVA, Z.B.; ABRAMOVA, M.A.; GOLOVIN, P.V.; PETRENKO, L.S.;
GERASIMENKO, A.A.

Conditions of the performance of ion exchangers in juice
purification. Sakh. prom. 37 no.8:38-41 Ag '63. (MIRA 16:8)

1. Institut mikrobiologii AN UkrSSR.
(Sugar manufacture)
(Ion exchanging substances)

AFRANOVA, M. R.

"Inadequacies of the Price List on Woolen Goods," Tekst prom. 12, No 6, 1952

11RA October 1952

ABRAMOVA, M.K., dotsent.

The "fur" of aquatic birds. Leg.prom. 16 no.5:14 My '56.
(Water birds) (Fur) (MIRA 9:8)

CHERNOMIR N. N.

"Experiments Studying the Movement of Gaseous-liquid Systems During Evaporation",
Pecherzhvaleniye (Solid Science) No. 1, 1966 (1-32)

SI:U-2017, 11 Mar 1966

ABRAMOVA, M. M.

"Movement of Suspended Water in Soil During Evaporation." Sub 4 May 51,
Soil Inst, Acad Sci USSR.

Dissertations presented for science and engineering degrees in Moscow
during 1951.

SO: Sum. No. 480, 9 May 55

ABRAMOVA, M.M.

~~ABRAMOVA, M.M.~~ Studying evaporation from soils. Trudy Inst. lesa 38:126-139 '58.
(Soil moisture) (Evaporation) (MIRA 11:10)

ABRAMOVA, M.M.

Effectiveness of summer precipitation in arid areas. Pochvovedenie
no.9:44-53 S '62. (MIRA 16:1)

1. Pochvennyy institut imeni V.V.Dokuchayeva.
(Plants, Effect of water on)

ABRAMOVA, M.M.; FEDOROVA, N.M.

Conference on methods for station research of soil processes.
Pochvovedenie no.6:111-114 Je '63. (MIRA 16:7)

(Soil research--Congresses)

ABRAMOVA, M.M.

Movement of vaporous moisture in soil. Pochvovedenie no.10:
49-63 0 '63. (MIRA 16:12)

1. Pochvennyy institut imeni V.V.Dokuchayeva.

ABRAMOVA, M. M. , PETROVA, Ye. N.

"The Problem of the Effect of Estrogenes on the Womb and Uterus," Akusher i Ginekol., No. 2, 1949.

Inst. Obstet. and Gynecol, Min Public Health USSR

NUDOL'SKAYA, O.Ye.; SHAKHMEISTER, S.Ya.; PETROVA, A.K.; ABRAMOVA, M.M.

Immediate and remote results of radiotherapy of uterine cancer. Akush.
gin, no. 5: 71-76 Sept-Oct 1953. (CIML 25:4)

1. Professor for Nudol'skaya. 2. Of the Institute of Obstetrics and
Gynecology (Director -- L. G. Stepanov), Ministry of Public Health USSR.

ABRAMOVA, M.M.

Diathermocoagulation in the treatment of resistant erosions of the cervix uteri. Akush.i gin. no.6:28-30 N-D '53. (MLRA 7:1)

1. Iz Instituta akusherstva i ginekologii (direktor L.G.Stepanov, nauchnyy rukovoditel' - professor P.A.Beloshapko) Ministerstva zdravookhraneniya SSSR. (Uterus--Diseases) (Diathermy)

ABRAMOVA, M. M.

"Morphological Changes in the Genital System of White Mice After an Intravaginal or Subcutaneous Injection of Synestrol (An Experimental Study)." Cand Med Sci, First Moscow Inst, Moscow, 1954. (RZhBiol, No 2, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

ABRAMOVA, M.M., kandidat meditsinskikh nauk

~~Diathermocoagulation by Shamraevskii's biactive electrodes as a method of treating persistent erosions and cervicitis [with summary in English]. Akush. i gin. 33 no.2:66-69 Mr-Apr '57.~~
(MLRA 10:6)

1. Iz Instituta akusherstva i ginekologii (dir. L.G.Stepanov)
Ministerstva zdorovokhraneniya SSSR.

(CERVICITIS, ther.

electrocoagulation with bi-active electrodes)

(CERVIX UTERINE, dis.

erosion, electrocoagulation with bi-active electrodes)

(ELECTROCOAGULATION, in various dis.

cervicitis & erosion of uterine cervix)

EXCERPTA MEDICA Sec 10 Vol 12/8 Obstetrics Aug 59

1453. HYSTEROSALPINGOGRAPHY AS A METHOD OF DIAGNOSIS OF TUBERCULOSIS OF INTERNAL SEXUAL ORGANS (Russian text) - Abramova M. M. and Ermina M. S. - AKUSH. I GINEK. 1958, 6 (88-94) Illus. 6

Examination of 21 patients revealed: (1) a deformed, small uterine cavity, frequently with dilated and lengthened cervical canal; (2) a rigid tube, as if moulded in wax, with smooth contours; (3) tubes with irregular outlines and small dilatation at the end ('bulbus'); (4) tubes the contours of which are bead-like in appearance; (5) tubes with fistula-like pathways or diverticuli; (6) calcified ovaries. (X, 15°)

NUDOL'SKAYA, O.Ye. (Moskva, G-151, Mozhayskoye shosse, d.52/70, kv.34 (9 pod"-
yerd); ABRAMOVA, M.M. (Moskva, D-47, ul.Gor'kogo, d.47, kv.9); PERVOVA,
A.K. (Moskva, D-46, Bol.Tishinskiy per., d.12, kv.10-a)

Late sequelae of radiotherapy in cancer of the uterine cervix.
Vop.onk. 5 no.2:209-214 '59. (MIRA 12:6)

1. Iz Instituta akusherstva i ginekologii Ministerstva zdravookhraneniya
RSFSR (dir. - dotsent L.G.Stepanov).

(CERVIX NEOPLASMS, ther.

radium implant & x-ray, late seq. (Rus))

(RADIUM, ther. use

cancer of cervix, with x-ray ther., late
seq. (Rus))

ABRAMOVA, M.M., kand.med.nauk

Roentgenological picture of endometriosis. Akush.i gin. 35 no.5:
46-52 S-0 '59. (MIRA 13:2)

1. Iz Nauchno-issledovatel'skogo instituta akusherstva i ginekologii
(direktor - dotsent L.G. Stepanov) Ministerstva zdravookhraneniya
RSFSR.

(ENDOMETRIOSIS, radiography)

ABRAMOVA, M.M.

Cancer of the corpus uteri; data from the Institute of Obstetrics
and Gynecology of the Ministry of Public Health of the R.S.F.S.R.
Vop. onk. 6 no. 9:90-97 S '60. (MIRA 14:1)
(UTERUS--CANCER)

ABRAMOVA, M.M., kand.med.nauk; YERMINA, M.S., kand.med.nauk

Hysterosalpingography in the diagnosis of tuberculosis of the internal genitalia. Probl.tub. no.7:59-63 '62. (MIRA 15:12)

1. Iz rentgenovskogo (zav. - doktor meditsinskikh nauk A.L. Kaplan) i konservativnykh metodov lecheniya (zav. - prof. S.K. Lesnoy) otdeleniy Instituta akusherstva i ginekologii (dir. - prof. O.V.Makeyeva) Ministerstva zdravookhraneniya RSFSR.
(GENERATIVE ORGANS, FEMALE--TUBERCULOSIS)(UTERUS--RADIOGRAPHY)
(FALLOPIAN TUBES--RADIOGRAPHY)

KAPLAN, A.L.; ABRAMOVA, M.M.; GUDKOVA, M.V.

Hysterosalpingography during various phases of the menstrual cycle. Akush. i gin. 39 no.4:3-6 Jl-Ag'63 (MIRA 16:12)

1. Iz rentgenovskogo otdeleniya (zav. - doktor med. nauk A.L.Kaplan) Instituta akusherstva i ginekologii (dir. prof. O.V. Makeyeva) Ministerstva zdravookhraneniya SSSR.

ABRAMOVA, Mariya Mikhaylovna; PORAY-KOSHCHITS, K.V., red.;
LYUDKOVSKAYA, N.I., tekhn. red.

[Atlas of hysterosalpingography] Atlas gisterosal'pingo-
grafii. Moskva, Medgiz, 1963. 124 p. (MIRA 16:10)
(UTERUS—RADIOGRAPHY)
(FALLOPIAN TUBES—RADIOGRAPHY)

Токмак, Ш.З.; Абримова, М.Н. (Москва)

Organization of health education for workers of the artificial
fiber industry. Gig.truda i prof.zab. 3 no.3:46-48 My-Je
'59. (MIRA 12:10)

1. TSentral'nyy nauchno-issledovatel'skiy institut sanitarnogo
prosveshcheniya i Kalininskiy meditsinskiy institut.
(KALININ--TEXTILE WORKERS) (HEALTH EDUCATION)

IOHANNES, J. J., H. WERNER, I. B. SIMONIAN, A. P. FRANKOVICH, and
 I. B. SIMONIAN, A. P. FRANKOVICH, I. B.

deposition of the product on the surface of cyclonhexane.
 20. m. point. 40. no. 5000000. 5. 100. (MIRA 18;9)

ABRAMOVA, M.V.; MEYRZON, F.M.

Some results of research for determining the optimum technical
conditions for compiling large scale topographic maps. Geod. i kart
no.2:6-18 F '57. (MLRA 10:5)

(Aerial photogrammetry)
(Topographical surveying)

3(4)

AUTHORS: Gertsenova, K. N., Candidate of SOV/6-58-12-6/14
Technical Sciences, Abramova, M. V., Engineer

TITLE: Experience of Relief Drawing of a Plane Region on the
Topographical Stereometer (Opyt risovki rel'yefa ravninnogo
rayona na topograficheskom stereometre)

PERIODICAL: Geodeziya i kartografiya, 1958, Nr 12, pp 28-38 (USSR)

ABSTRACT: To find out the possibilities for making topographic maps of
open plane areas by the stereotopographical method, the
Moskovskoye AGP (Moscow Air-Geodetical Service) carried out,
in 1957, an experimental research work on the drawing of reliefs
on the topographical stereometer for a topographic map on a
scale of 1 : 25,000 and with a sectional height of 2.5 m.
Participating in the work were I. A. Kyzin, V. V. Leonova, and
Z. D. Bel'tsova. On account of the examination the following
can be said: 1) The results of the investigation confirm the
possibility of a relief survey on the topographical stereometer
for a topographic map on a scale of 1 : 25,000 with a sectional
height of 2.5 m in regions of small differences in altitude.
2) The aerial photograph should be made on scales between

Card 1/2

Experience of Relief Drawing of a Plane Region
on the Topographical Stereometer

SOV/6-58-12-6/14

1 : 16,000 and 1 : 18,000 by means of an aerophotographic apparatus with $f_k = 55$ mm, as this gives the best results of the stereotopographical survey. The time for the air survey should be chosen so as to produce a sharp distinction of the pictures of the microforms in the relief by the photographic shading in the air survey, while the contrast of the picture should give sufficient accuracy of the photogrammetric determination of relative heights of points. 3) The height basis of a stereotopographical survey of flat steppe areas is to be made by the method of geometrical leveling. In drawing altitude traverses, the marks at the characteristic points of the relief should be determined for higher accuracy of the stereo-drawing of the relief. 4) The relief drawing of flat regions on the topographical stereometer should be entrusted to persons with great experience in working at the stereometer and with some experience in field work concerning topographical surveys. There are 8 figures and 5 tables.

Card 2/2

ABRAMOVA, M.V.; GERTSENOVA, K.N., kand.tekhn.nauk

Investigating the accuracy of intersections on the SPR-2 stereo-
projector. Geod. i kart. no. 10:25-33 O '60. (MIRA 13:12)
(Aerial photogrammetry)

GERTSENOVA, K.H.; ABRAMOVA, M.V.

Errors occurring in measurements of the elements of photopolygonometric traverses. Geod. i kart. no.7:36-42 J1 '61.

(MIRA 14:7)

(Traverses (Surveying))

ABRAMSON, J. L.; ...

Investigation of the EMB-1, and EMB-2 all-purpose instruments.
Doc. 1 part. no. 2:5-10 3 102 (1981 17:12)

ABRAMOVA, N., inzh.; BOLGOVA, A., inzh.; MIKHALEVICH, P., inzh.

Experiment on the application of polymers for sealing cracks
in concrete used in hydraulic engineering. Rech. transp. 24
no.7:53 '65. (MIRA 18:8)

ABRAMOVA, N A

Textiles

ABRAMOVA, N.A., kand.tekhn.nauk

Improving the sewing characteristics of sewing threads made
from highly stretchable synthetic yarns. Izv.vys.ucheb.zav.;
tekhn.leg.prom. no.5:121-127 '59. (MIRA 13:4)

1. Moskovskiy tekstil'nyy institut. Rekomendovana kafedroy tekhnologii
shelka i krucheniya iskusstvennykh volokon.
(Thread) (Textile fibers, Synthetic)

ABRAMOVA, N.A., nauchn. sotn.; BELICHENKO, B.V., kand. tekhn. nauk;
 BEZUBILIT, V.V., nauchn. sotn.; VASILYEV, V.P., kand. khim.
 nauk; BOBYCHIN, D.P., doktor khim. nauk; IOFFE, B.V., dokt.
 khim. nauk; KAMINSKIY, Yu.I., nauchn. sotn.; KARPOVA, I.F.,
 kand. khim. nauk; KOFYLEV, B.A., doktor khim. nauk;
 LUTUGINA, N.V., kand. khim. nauk; MATEROVA, Ye.A., kand.
 khim. nauk; MORACHEVSKIY, A.G., kand. khim. nauk;
 MORACHEVSKIY, An.G., kand. khim. nauk; NIKEROV, A.E., kand.
 khim. nauk; PAL'M, V.A., kand. khim. nauk; RABINOVICH, V.A.,
 kand. khim. nauk; SOKOLOV, I.K., kand. khim. nauk;
 FRIDRIKHSBERG, D.A., kand. khim. nauk; TSYGIN, Ye.N., nauchn.
 sotn.; SHAGITSULTANOVA, G.A., kand. khim. nauk; SHKODIN, A.M.,
 doktor khim. nauk; YATSIMIRSKIY, K.B.; GRIGOROV, O.N., doktor khim.
 nauk, red.; ZASLAVSKIY, A.I., kand. khim. nauk, red.; MORACHEVSKIY,
 Yu.V., prof., red.; RACHINSKIY, F.Yu., kand. khim. nauk, red.;
 POZIN, M.Ye., doktor tekhn. nauk, red.; PORAY-KOZHITS, B.A., doktor
 khim. nauk, red.; PROTASOV, A.M., kand. fiz.-mat. nauk, red.;
 ROMANKOV, P.G., red.

[Handbook for the chemist] Spravochnik khimika. 2. izd., perer. i
 dop. Moskva, Khimia. Vol.3. 1964. 1004 p. (MIRA 18:1)

1. Chlen-korrespondent AN SSSR (for Romankov). 2. Deystvitel'nyy
 chlen AN Ukr.SSR (for Yatsimirskiy).

ABRAMOVA, N.A.

Ballistocardiographic studies on healthy adolescents. Sov.
med. 27 no.1:19-25 Ja '64. (MIRA 17:12)

1. Klinika (zav.- prof. S.I. Ashbel') Gor'kovskogo nauchno-
issledovatel'skogo instituta gigiyeny truda i professional'
nykh bolezney (direktor - kand. med. nauk O.M. Gavrusykh)
Ministerstva zdravookhraneniya RSFSR.

ABRAMOVA, N A

Medicine

TROITSKIY, S.A., doktor med.nauk; ~~ABRAMOVA, N.A.~~, nauchnyy sotrudnik

Blood picture in rheumatic fever in adolescents and youth. Kaz.med.
zhur. no.5:13-16 S-O '60. (MIRA 13:11)

1. Iz klinicheskogo otdela (zav. - prof. S.I.Ashbel') Gor'kovskogo
nauchno-issledovatel'skogo instituta gigiyeny truda i professional'-
nykh zabolevaniy.

(RHEUMATIC FEVER)
(BLOOD--EXAMINATION)

ABRAMOVA, N.A.

Some phonocardiographic characteristics in patients with
rheumatic carditis. Vop. revm. 3 no.3:48-57 J1-S'63

(MIRA 17:3)

1. Iz revmatologicheskogo otdeleniya (zav. - deystivitel'nyy
chlen AMN SSSR prof. A.I. Nesterov) Nauchno-issledovatel'skogo
instituta revmatizma AMN SSSR.

ABRAMOVA, N.A.

Mesodiastolic murmur in rheumaticarthritis. Cardiologia 3 no.5:17-23
S-G '63. (MIRA 17:9)

1. iz revmatologicheskogo otdeleniya (zav. - deystvitel'nyy chlen
AMN SSSR prof. A.I. Nesterov) Instituta revmatizma AMN SSSR.

ABRAMOVA, H.A.

Phonocardiographic data on the 3rd and 4th cardiac sounds in rheumatic carditis. Sov. med. 48 no. 3:130-136, 1975.

(MIRA 18:10)

1. Klinika Nauchno-issledovatel'skogo instituta kardiologii (direktor - deystvitel'nyy chlen AMN SSSR prof. A.I. Morozov) AN SSSR, Moskva.

ABRAMOVA, N.B., L. KITMAN, T.V.; NEYZARE, A.A.

Study of mechanisms of the intensification of respiration in
the embryonal development of fish. Zhur. evol. biokhim. i
fiziol. 1 no.3:227-233 My-Je '65. (MIRA 18:7)

1. Gruppya kosmicheskoy biologii i meditsiny razvitiya instituta
morfologii zhivotnykh imeni Severtsova AN SSSR, Moskva.

ROSSIYSKIY, D.M.; ABRAMOVA, N.D.

Use of ekmolin in grippe and in acute upper respiratory catarrhs.
Klin. med., Moskva 31 no.6:53-54 June 1953. (CML 25:1)

1. Honored Worker in Science, Professor for Rossiyskiy; Candidate
Medical Sciences for Abramova. 2. Moscow.

12118

ABRAMOVA, N.D., kand.med.nauk; GUREVICH, T.Z.; ROVINSKIY, V.I.

Prolonged ambulatory use of Rauwolfia preparations in hypertension.
Sov. med. 25 no.2:103-105 F '62. (MIRA 15:3)

1. Iz dispansernogo otdela (zav. O.Ye. Morokhovets) Tsentral'noy
poliklini (dir. N.Ye. Yermolov) Ministerstva zdravookhraneniya
RSFSR.

(RAUWOLFIA)
(HYPERTENSION)

ABRAMOVA, N.D., kand. med. nauk; GOL'DBERG, A.F., kand. med. nauk; GUREVICH, T.Z., kand.med. nauk; OVODOVA, N.I., doktor.

Outcome of myocardial infarct and subsequent work ability in middle-aged and elderly persons engaged in mental work.
Sovet. med. 26 no.5:22-26 My'63 (MIRA 17:1)

1. Iz dispansernogo otdela (zav. O.Ye. Morokhovets) Tsentral'noy polikliniki Ministerstva zdravookhraneniya RSFSR (dir. N.I. Yermolov).

SKVORTSOV, V.V.; SHATROV, I.I.; OSADCHIYEVA, A.L.; BYDINOVA, G.G.;
ABRAMOVA, N.I.

Review of "Course in epidemiology" by V.V. Skvortsov and others.
Zhur.mikrobiol., epid. i immun. 30 no.12:131-133 D '59.

(MIRA 13:5)

(EPIDEMIOLOGY)

SHVETSOV, I.M.; ABRAMOVA, N.I.

Accessory coronary arteries (anatomical experimental research). Grud.khir. 4 no.6:13-17 N-5'62. (MIRA 16:10)

1. Iz kafedry normal'noy anatomii (zav. - prof. B.M.Sokolov) Ryazanskogo meditsinskogo instituta imeni I.P.Pavlova.
Adres Avtorov: Moskva, G-117, Pogodinskaya ul.,d.8. Institut fizicheskogo vospitaniya i shkol'noy gigieny.
(CORONARY VESSELS)

SKVORTSOV, V.V.; OSADCHIYEVA, A.L.; EYDINOVA, G.G.; ABRAMOVA, N.I.;
IVANOV, V.M.; SMIRNOV, V.D.

Reviews, criticism and bibliography. Zhur. mikrobiol.,
epid. i immun. 33 no.7:145-152 J1 '62. (MIRA 17:1)

KHALETSKA, N.I.; CHEKHOVSKIY, N.S.; P'YANKOV, P.I.; OSTROVSKIY, N.K.
BIRBRAYER, M.L.; ABRAMOVA, N.I.; KOGAN, G.Kh., kand.med.nauk;
ANDZHELOV, V.O., kand.med.nauk

Abstracts. Sovet. med. 27 no.9:131-133 S'63 (MIRA 17:2)

1. Iz kafedry gosital'noy terapii Voenno-meditsinskoy ordena Lenina akademii imeni Kirova (for Khaletskaya, Chekhovskiy).
2. Iz kliniki infektsionnykh bolezney Permskogo meditsinskogo instituta (for P'yankov).
3. Iz kafedry infektsionnykh bolezney Blagoveshchenskogo meditsinskogo instituta (for Ostrovskiy).
4. Iz kafedry kozhnykh i venericheskikh bolezney Odesskogo meditsinskogo instituta imeni Pirogova (for Birbrayer).
5. Iz kafedry kozhnykh bolezney II Moskovskogo meditsinskogo instituta imeni Pirogova (for Abramova).
6. Iz kozhnogo dispansera 24-y gorodskoy bol'nitsy Dnepropetrovska (for Kogan).
7. Iz nauchno-issledovatel'skogo instituta glaznykh bolezney imeni Gel'mgol'tsa (for Andzhelov).

ABRAMOVA, M. I.

Abramova, M. I. -- "A Study of the Connection between Chemical Structure of Certain Yellow and Orange Vat Dyes and Their Effect on the Light-Dispersion of Fiber." "In Higher Education USSR. Moscow Textile Inst. Moscow, 1956. (Dissertation for the Degree of Candidate in Technical Science)

So. Kniznaya Letopis', No 12, 1956

Abramova H.I.

✓ *polymer* *1950* *1*
and N.I. Abramova (2.1) but no data on the
quartz and USSR, Moscow, 1950. Found also 19
930-5 (1950). The following vat dyes were prep'd. which
were more deeply colored than the benzamide series but

3,5-bis(phenylureido) analog, which dyes cotton a y.
8-Benzamide-1,2-phenylene-3,5-bis(phenylureido) ether
base treated with H₂SO₄ as above gave 100% base 2
amine 2-phenylureido-1,2-bis(phenylureido) ether which

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APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000100210019-7"

ABRAMOVA, N.I.

Studying the interrelation between the chemical composition of some yellow and orange vat dyes and their effect on the photodissociation of fiber. Org. poluprod. i kras. no.1:118-129 '59. (MIRA 14:14)

(Dyes and dyeing--Textile fibers)

ABRAMOVA, N.I.

Sixth Congress of the International Federation of Societies
of Textile Chemists and Dyers. Khim.prom. 2:175-176 My '60.
(MIRA 13:7)

(Textile chemistry--Congresses)

ABRAMOVA, N.I., starshiy nauchnyy sotrudnik; NALOYEVA, A.N.

Effect of vat dyes on the photochemical destruction of
cotton fibers. Tekst.prom. 22 no.10:67-69 0 '62. (MIRA 15:11)

1. Nauchno-issledovatel'skiy institut organicheskikh
poluproduktov i krasiteley (NIOPIK) (for Abramova).
2. Starshiy laborant Nauchno-issledovatel'skogo instituta
organicheskikh poluproduktov i krasiteley (NIOPIK) (for Naloyeva).
(Dyes and dyeing--Cotton)

NURMUKHAMEDOV, R.N.; BONDAREVA, L.V.; BABKINA, V.G.; DOKUNIKHIN, N.S.;
ABRAMOVA, N.I.

Study of the behavior of some vat dyes in fabrics from their
fluorescence spectra. Zhur. VKHO 8 no.5:588-589 '63.

(MIRA 17:1)

1. Nauchno-issledovatel'skiy institut organicheskikh polupro-
vodnikov i krasiteley.

BABKINA, V.G.; DOKUNIKHIN, N.S.; ABRAMOVA, N.I.

Change in shades taking place in some vat dyes under the effect
of moisture and temperature. Zhur. prikl. khim. 37 no.6:1328-1333
Je '64. (MIRA 18:3)

1. Nauchno-issledovatel'skiy institut organicheskikh poluproduktov
i krasiteley.

MATEVOSYAN, R.O.; PETROV, L.A.; ABRAMOVA, N.I.

Chemistry of free radicals of the hydrazino series. Part 26:
 α -(2-benzoxazolyl)- α -phenyl- β -picerylhydrazinyl, α -(2-naphth-
oxazolyl)- α -phenyl- β -picerylhydrazyl and their properties.
Zhur. org. khim. 1 no.9:1682-1685 S '65.

(MIRA 18:12)

1. Ural'skiy politekhnicheskii institut imeni S.M. Kirova.
Submitted May 28, 1964.

ABRAMOVA, N.M.

17

Salit and mesotan. N. Abramova. *Byull. Nauch. Issledovaniy Khim.-Farm. Inst.* 1931, 145.—Salit, $\text{HOCH}_2\text{CO}_2\text{C}_6\text{H}_5$, is a brownish, oily liquid with a slight aromatic odor. It is prepd. by heating salicylic acid with turpentine oil. It is insol. in H_2O , sol. with difficulties in glycerol and alc., easily sol. in chloroform and ether and is miscible with fatty oils. It is used in prepg. ointments. Mesotan, $\text{C}_6\text{H}_5\text{OCH}_2\text{CO}_2\text{CH}_2\text{OCH}_3$, is obtained by the action of monochloromethyl ether on Na salicylate. It is a yellowish, oily liquid with a slight aromatic odor. It is slightly sol. in H_2O , sol. in alc., ether and fatty oils. It penetrates the skin on rubbing and is decompd. forming salicylic acid on being taken internally. The physiol. action of both preps. is described. A. A. Bochtinev

ASAC VIA METALLURGICAL LITERATURE CLASSIFICATION

ABRAMOVA, N.M.

Synthesis of esters by dehydrogenation of alcohols
VI. The mechanism of the esterification of isononyl alco-
hol. N. M. Abramova and B. N. Dolgov. *J. Gen.
Chem. (U. S. S. R.)* 7, 1000 (1937), cf. C. A. 31,
1150, 2170. When iso-AmOH is passed over a CuI
catalyst with CO or N_2 , the amt. of ester in the condensa-
tion decreases and the amt. of aldehyde and acid increases.
However, if the alc. and H_2 are passed over the catalyst,
exactly the reverse effect is found. The aldehyde alone
under these conditions gives almost no ester, but if it is
mixed with H_2 , a good yield of ester is obtained. Thus
the alc. is the compd. which actually changes to the ester.

and the aldehyde is only a hindrance to the reaction unless
the H_2 reduces it to the alc. H. M. Fineman

ASACSLA METALLURGICAL LITERATURE CLASSIFICATION

ABRAMOVA, N.M.

A new method of preparing complex esters of organic acids. VII. N. M. Abramova and B. N. Dolgov. *J. Gen. Chem.* (U. S. S. R.) 9, 1076-82 (1939); cf. C. A. 31, 5119. —On passing AcH or PrCHO with H over a U-Cu or Cu-Al catalyst at 25-75°, and at ordinary pressure, the corresponding esters are formed (yield 60% and higher), according to the general equation: $2\text{RCHO} (+2\text{H}_2) \rightarrow \text{RCOCH}_2\text{R} (+2\text{H}_2)$. This new method is preferable to that involving the alc. and H under the same conditions, since the condensate contains less aldehyde and acid. H. Priestley

ASD 11.6 METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND ORDERS										100 AND 4TH ORDERS									
ABRAMOVA, N.M.										PROCESSES AND PROPERTIES - MEET									
The presence of carnosine groupings in muscle proteins. N. M. Abramova. <i>Biokhimiya</i> 9, 50-53 (1944). --Neither carnosine (β-alanine-γ-histidine) nor β-aspartyl-γ-histidine was found in the products of hydrolysis of muscle proteins by pepsin or trypsin. Carnosine is not a part of the protein mol. of muscle, but is synthesized separately by the organism. H. Priestley.										11 E									
Biochem. Lab., Kazan Med. Inst																			
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION										E-8									

ABRAMOVA, N.M., ANISINOVA, V.F., GUTOVSKAYA, A.V., KIBYAKOV, A.V., URAZAYEVA, Z.V.

Trophic changes in the myocardium in chronotropic effect. Biul. eksp.
biol. i med. 45 no.6:22-25 Je '58 (MIRA 11:8)

1. Iz kafedry normal'noy fiziologii (zav. - chlen-korrespondent AMN
SSSR A.V. Kibyakov) Kazanskogo meditsinskogo instituta. Predstavlena
deystvitel'nym chelnom AMN SSSR S.Ye. Severinym.

(HEART, physiology

eff. of rhythm changes, trophic aspects (Rus))

S/193/60/000/009/011/013
A004/A001

AUTHORS: Rat'kov, K.A., Abramova, N.N.

TITLE: The КТП-2М (KTP-2M) Device for the Measurement of Metal Coating Thickness 14

PERIODICAL: Byulleten' tekhniko-ekonomicheskoi informatsii, 1960, No. 9, pp. 71-72

TEXT: In 1960 the TsNIIMashdetal' manufactured and tested under production conditions at a number of plants the KTP-2M device which is designated for the thickness measurement of all nonmagnetic coatings (chromium, zinc, cadmium, copper, varnish and paint coatings etc.) on articles made of ferromagnetic steels. The thickness checks are effected without destruction of the metal coating, with a high degree of accuracy (the reading errors of the device do not exceed 10%), while the measuring time is by a factor of a few times less than that of the drop and jet methods. The operation principle of the device is of the inductive kind, based on the utilization of the phenomenon of the so-called demagnetizing factor. The device is composed of the operating pick-up and measuring unit, including a compensation pick-up, alternating resistance, two ДДГ-27 (DTsG-27) ✓

Card 1/2

S/193/60/000/009/011/013
A004/A001

The KТП -2М(KTP-2M) Device for the Measurement of Metal Coating Thickness

bridges and M24 recorder. The authors give a detailed description of design and operation of the device and point out that the metal coating plays the part of a clearance between the core end and magnetic mass, the base of the article. The smaller the clearance (coating) the stronger the contact of the magnetic current with the article and the greater the magnitude of unbalance. Articles with different properties and shape may have a different magnitude of circuit unbalance, even if they possess the same clearance. Therefore, the sensitivity of the circuit is corrected with the aid of the compensation pick-up. The KTP-2M device possesses a scale, graduated in microns, which is the same for all kinds of coating. The following technical data are given: measuring range = 0-100 μ ; measuring time = 5-7 sec; lowest surface area to be checked = 8 x 8 mm; lowest diameter of cylindrical articles = 8 mm; lowest diameter of inner surface of the articles to be measured = 45 mm; supply voltage (at 50 cps) = 220 v; dimensions of device = 220 x 130 x 90 mm; weight = 2.9 kg. At present the KTP-2M device has been introduced at two plants: the Moskovskiy mekhanicheskiy zavod im. 1 Maya (Moscow Mechanical Plant im. 1st of May) and the Podol'skiy mekhanicheskiy zavod im. Kalinina (Podol'sk Mechanical Plant im. Kalinin). There is 1 figure.

Card 2/2

ABRAMOVA, N. N.

25(1)	YAZEN'Y MON EKSPLOATATSIYA	307/3101
	Mashino-tekhnicheskoye obshchestvo mashinostroitel'noy promyshlennosti, Leningradskoye obshchestvo pravleniya	
	Mashinostroitel'noye i spetsial'noye polystroye metallor (Protective, Decorative, and Special Coatings for Metals) Kiev, Minsk, 1959. 291 p. 4,800 copies printed.	
	Editorial Board: P. K. Levitskiy, N. I. Litvak, and A. P. Rybinskiy (Minsk). Ed. of Publishing House: M. S. Sorokin; Chief Ed. (Southern Division, Minsk): V. K. Sedyuk, Engineer.	
	PURPOSE: This book is intended for technical personnel in the field of protective coatings for metals.	
	CONTENTS: The papers in this collection, presented at a conference of the VPO Mashtrom held in Odessa, deal with the mechanization and automation of metal-coating and plating processes performed by spraying, electroplating, and other methods. Quality control of processes and methods is also discussed. No personalities are mentioned. References follow several of the papers.	
37	Kishchuk, T. V., Engineer (Dnepropetrovsk). Application of High-Pressure Nickel Plating in Mass Production	
45	Davil'yeva, A. I., Candidate of Chemical Sciences, and O. S. Chernobriwank (Moscow). New Electrolytes for High-Pressure Nickel Plating	
48	Kuznetsov, E. A., Candidate of Chemical Sciences (Moscow). Intensification of the Nickel-Plating Process Through the Use of a Fluoroborate Electrolyte	
55	Medl'yeva, G. S., Engineer (Moscow). Effect of Processing Factors on the Porosity of Electrolytic Deposits of Nickel	
62	Orlovskaya, E. M., Doctor of Chemical Sciences, and A. A. Nifimova, Candidate of Chemical Sciences. Nickel Plating by Chemical-Reduction Methods	
66	Petrova, A. A., Engineer (Moscow). Wear- and Corrosion-Resistant Coating by Combination (Two-Layer) Chrome Plating	
75	Polikova, A. I., Candidate of Technical Sciences (Sverdlovsk). Chrome Plating at Room Temperature	
81	Polysheva, E. T., and L. D. Vokhovskiy, Candidate of Technical Sciences (Moscow). Electrodeposition of Iron at High Current Densities From Low-Viscosity Sulfuric Acid Solutions	
87	(Moscow) and V. M. Kalib, Engineer (Tula). High-Pressure Copper Plating From Acid Electrolytes	
92	Polysheva, E. T., Engineer (Dnepropetrovsk). Pyrophosphate Copper Plating of Aluminum Alloys	
97	Shlager, M. A., Candidate of Technical Sciences, and A. I. Lipin, Engineer (Yvercity). Electroplating of Aluminum Alloys	
100	Shalyuk, Ye. Kh., Engineer (Dnepropetrovsk). Deep Anodizing of Aluminum Alloys with Automatic Regulation of the Process	
112	Shchegoleva, L. I., Engineer (Moscow). A Study of Processes of Depositing Anodized Coatings with High Electrical-Insulating Properties on Aluminum and Its Alloys	
123	Shchegoleva, L. I., Engineer (Moscow). Deposition of Tinted Anodized Coatings on Aluminum and Some of Its Alloys	
131	Shchegoleva, L. I., Engineer (Moscow). Candidate of Technical Sciences (Moscow). Electrochemical Passivation of Zinc Coatings	
134	Shchegoleva, M. E., Engineer (Moscow). Electrolytic Polishing of Metal Rods and Wire Products	
139	Shlager, M. A., and A. I. Lipin. Electrolytic Deposition of the Lead-Zinc Bearing Alloy	
146	Shlager, M. A., Engineer, and L. K. Ozerich, Engineer (Leningrad). Electroplating with a Lead-Tin Alloy in a Fluoroborate Solution	
156	Levin, A. I., Doctor of Technical Sciences (Sverdlovsk). Mechanism of the Action of Surface-Active Substances in Electroplating	
164	Levin, A. I. On the Mechanism of Electrodeposition of Metals Contained in Solutions as Simple and Complex Salts	
172	Medvedev, T. E., Engineer (Moscow). Palladium Coating of Precision-Instrument Parts	

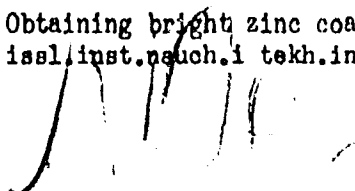
ABRAMOVA, Nina Nikolayevna; RAT'KOVA, Irina Pavlovna; IL'IN, V.A.,
red.; GRIGOR'YEVA, I.S., red. izd-va; GVIRTS, V.L., tekhn.
red.

[Bright zinc plating in an ammoniate electrolyte] Blestiashee
tsinkovanie v ammiakatnom elektrolite. Leningrad, 1963. 13 p.
(Leningradskii dom nauchno-tekhnikheskoi propagandy. Obmen
peredovym opytom. Seria: Zashchitnye pokrytiia, no.1)
(MIRA 16:5)

(Zinc plating)

ABRAMOVA, N.N.; RAT'KOVA, I.P.

Obtaining bright zinc coatings. *Biul.tekh.-ekon.inform.Gos.nauch.-*
issl.inst.nauch.i tekhn.inform. no.12:15-16 '63. (MIRA 17:3)



TITOV, German Stepanovich, Geroy Sovetskogo Soyuza; ABRAMOVA, N.S.,
otv. red.; TOKAREVA, T.M., tekhn. red.

[Seventeen dawns in space; an autobiographical story] Sem-
nadtsat' kosmicheskikh zor'; avtobiograficheskaja povest'.
Moskva, Detgiz, 1963. 127 p. (MIRA 17:3)

ABRAMOVA, N. V., P. 1937, N. V., BRUKOVICH, N. S.

"Comparison of the Magnetic Activity of the Aurora Polaris on the Basis
of Observations in Tikhaya Bay during 1932-33," Meteor. i Gidrol., No. 6,
pp 75-83, 1937.

ABRAMOVA, N.V.

Characteristics of anthocyanidins produced by soil Actinomyces.
Trudy Inst.mikrobiol. i virus. AN Kazakh.SSR 1:40-45 '56.
(ANTHOCYANIDINS) (ACTINOMYCES) (MLRA 10:6)
(SOIL MICRO-ORGANISMS)

ABRAMOVA, N.V.

KURAMSHINA, M.G.; ABRAMOVA, N.V.

Antibacterial properties of Actinomyces no.15. Trudy Inst.mikrobiol.
i virus. AN Kazakh.SSR 1:46-49 '56. (MIRA 10:6)

(ACTINOMYCES) (BACTERIAL ANTAGONISM)

ABRAMOVA, N. V.: Master Biol Sci (diss) -- "Cytological and biochemical changes in the actinomycetes producing actinomycin K by surface growth". Alma-Ata, 1958. 15 pp (Kazkh State U im S. M. Kirov), 150 copies (KL, No 4, 1959, 123)

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ABSTRACT NR: ARH-0004 3/0002/01/000/000/R025/R025

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TITLE: Age characteristics of an actinomycetes producer of
actinomycin (actinomycin K) during surface cultivation

DICTIONARY: Tr. In-ta mikrobiol. i virusol. AN KazSSR, v. 7,
1973, 117-119

TOPIC TAGS: actinomycetes, Actinomyces coelicolor, bacteriology,
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TRANSLATION: During surface cultivation of Actinomyces coelicolor,
the following stages were observed: vegetative growth stage, antibiotic formation

stages were found: vegetative growth stage, antibiotic formation
stage, and spore formation and autolysis stage. Morphological
changes were accompanied by cytochemical changes (varying degrees
of cytoplasm basophilia and a corresponding ratio between RNA and
DNA levels). Maximum accumulation of antibiotic takes place between